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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Reginald W HUNTER , et al

Assignee: APPLIED MATERIALS, INC.

Title: METHOD AND APPARATUS TO PROVIDE FOR AUTOMATED PROCESS  
VERIFICATION AND HIERARCHICAL SUBSTRATE EXAMINATION

Serial No.: 09/685,191

Filed: 06OC2000 Group Art Unit: 2877

Attorney Docket No.: 003083/P7 Examiner: Unknown

Santa Clara, California

Box: Missing Parts

ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS

Washington, D.C. 20231

Attention: Manager

Applications Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted mailed by the United States Patent and Trademark Office on December 12, 2000, the following documents are enclosed to complete the filing of the above-identified patent application:

1. A copy of the combined declaration and power of attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (3 pages) as originally filed with the application October 6, 2000;
2. A copy of the transmittal documents indicating a signed Declaration and Power of Attorney was attached.
3. A copy of the Return receipt postcard indicating receipt of the documents by the USPTO.
4. A copy of the Notice to File Missing Parts of Application - Filing Date Granted

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account 50-1074;

1. Filing Fee - Original Patent Application (37 CFR 1.16(a))	\$---
5. Fees for claims	
— each independent claim in excess of 3 (37 CFR 1.16(f))	\$---
— each claim in excess of 20 (37 CFR 1.16(c))	\$---
X Late Payment of filing fee or late filing of original declaration or oath - (37 CFR 1.16(e))	\$130.00

Total Completion Fees **\$130.0**

3. Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

Extension (Months) Fee for other than Small Entity

<input type="checkbox"/>	One Month	\$ 110.00
<input type="checkbox"/>	Two Months	\$ 380.00
<input type="checkbox"/>	Three Months	\$ 870.00
<input type="checkbox"/>	Four Months	\$1,360.00

If an additional extension of time is required please consider this a petition therefor.

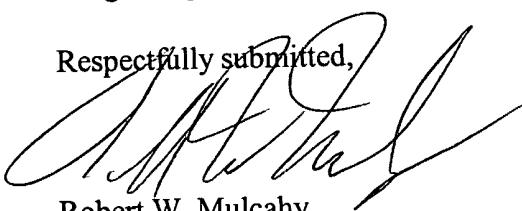
6. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No.50-1074.

It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of October 6, 2000. Please telephone the undersigned at (408) 563-2726 , if there are any questions regarding this matter.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 on 1/10/2001

Beth Mulcahy  
Beth Mulcahy

Respectfully submitted,

  
Robert W. Mulcahy  
Registration No. 25,436



## UNITED STATES PATENT AND TRADEMARK OFFICE

FET  
3  
NMP 2-12-01  
COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/685,191	10/06/2000	Reginald Hunter	AMAT/3083.P7/FET/FET/DV

Patent Counsel  
Applied Materials Inc  
Legal Affairs Department  
P O Box 450A  
Santa Clara, CA 95052



REC'D DEC 19 2000

## FORMALITIES LETTER



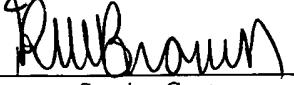
Date Mailed: 12/12/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

COMPUTER ENTERED  
FILED UNDER 37 CFR 1.53(b)DEC 22 2000  
*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

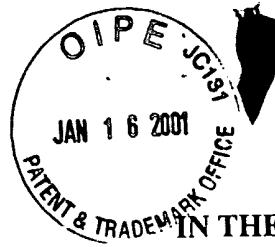
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*
  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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FEE PAID 12/12/2000  
\$130.00 CH  
12/12/2000  
12/12/2000



Atty. Docket No. AMAT/3083.P7/FET/FET/DV

BH

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application  
Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Re: Inventor(s): REGINALD HUNTER  
Title: METHOD AND APPARATUS TO PROVIDE FOR AUTOMATED PROCESS VERIFICATION AND HIERARCHICAL SUBSTRATE EXAMINATION

Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 60 pages.
- Drawings totaling 41 pages,  Formal  Informal.
- Executed Declaration and Power of Attorney.
- Information Disclosure Statement w/ Form 1449 and References.
- Assignment of the invention to Applied Materials, Inc.
- Assignment Recordation Cover Sheet

COMPUTED

OCT 19 2000

### Fee Calculation

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	21	-20=	1	x \$18.00	-\$18.00
Independent Claims	3	-3=	0	x \$8000	-\$ 0.00
Basic Filing Fee				\$710.00	\$710.00
TOTAL FEES					\$728.00

- The Commissioner is hereby authorized to charge \$728.00 to Deposit Account No. 50-1074/3083.P7/FET/FET/DV.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/3083.P7/FET/FET/DV. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to:

PATENT COUNSEL  
APPLIED MATERIALS, INC.  
Legal Affairs Department  
P.O.BOX 450A  
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EL684620492US.

Date of Deposit 10-6-2000

Signature

Respectfully submitted,  
  
LAWRENCE EDELMAN  
Registration No. 25,226  
(713) 623-4844



DOCKET No.: AMAT/3083.P7/FET/FET  
 SERIAL No.: Unknown  
 FILED: Herewith  
 APPLICANT: Applied Materials, Inc.  
 INVENTOR: Reg. Hunter

The Patent & Trademark Office acknowledges and has stamped hereon the date of receipt of the items checked below which were mailed October 6, 2000:

- AFFIDAVIT
- AMENDMENT
- APPLICATION PAPERS - OATH/DECLARATION
- TOTAL CLS. 21 IND. CLS. 3 FEE \$ 400
- SHEET(S) OF DRAWING(S) 41 FORMAL/INFORMAL
- ASSIGNMENT - RECORDAL FEE \$ 400
- BRIEF
- APPEAL NOTICE
- DECLARATION
- ISSUE FEE - BASE/BALANCE
- LETTER - CHARGE FEE
- LETTER - TR
- TRADE

DOCKET No.: AMAT/3083.P7/FET/FET  
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- LETTER - Transmittal
- TRADEMARK/SERVICEMARK APPLICATION
- PETITION
- PRELIMINARY AMENDMENT
- INFORMATION DISCLOSURE STATEMENT
- REQUEST FOR EXTENSION OF TIME
- RESPONSE TO
- SPECIMENS
- SMALL ENTITY
- CHECK #
- CHECK #

DOCKET No.: AMAT/3083.P7/F  
 SERIAL No.: Unknown  
 FILED: Herewith  
 APPLICANT: Applied Materials  
 INVENTOR: Reg. Hunter

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- PRELIMINARY AMENDMENT
- INFORMATION DISCLOSURE STATEMENT
- REQUEST FOR EXTENSION OF TIME
- RESPONSE TO

EXpress MAIL # EL1841004215 MAIL LOG # M46  
 IN THE AMOUNT OF \$ 5.91 IN THE AMOUNT OF \$ 10/06/00  
 1C916 U 685191 PTO